

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A ~~recording~~computer-readable medium having a data structure for managing reproduction of at least still images, comprising:

a first navigation filearea including first navigation information, the first navigation information indicating ~~a portion an in-point and an out-point~~ of a clip file, which includes video data, to display as a still image and a duration to display the still image; and

a second navigation file including mapping information between a presentation time and the clip file.

2. (Currently Amended) The ~~computer-readable~~recording medium of claim 1, ~~further comprising:~~wherein the first navigation file is a playlist file, the playlist file including a playitem, the playitem including

~~a playlist area including at least one playlist directory, and a playlist in the playlist directory including the~~ first navigation information.

3. (Canceled)

4. (Currently Amended) The ~~computer-readable~~recording medium of claim ~~3~~2, wherein the playitem includes an indicator indicating whether to display a still image.

5. (Canceled)

6. (Currently Amended) The ~~computer-readable~~recording medium of claim 32, wherein the second navigation file is a clip information file and the playitem includes an indicator indicating a file name of the clip information file associated with the clip file.

7. (Currently Amended) The ~~computer-readable~~recording medium of claim 6, wherein the playitem includes an indicator indicating an STC id for a portion of the clip file indicated by the clip information file name.

8. (Currently Amended) The ~~computer-readable~~recording medium of claim 32, wherein the playlist file further includes at least one playlist mark pointing to the still image in the clip file.

9. (Currently Amended) The ~~computer-readable~~recording medium of claim 21, wherein the first navigation file is a playlist file and the playlist file includes a sub-playitem, and the sub-playitem includes the first navigation information.

10. (Canceled)

11. (Currently Amended) The ~~computer-readable~~recording medium of claim 1, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite period of time.

12. (Currently Amended) The ~~computer-readable~~recording medium of claim 9, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time.

13. (Canceled)

14. (Currently Amended) The ~~computer-readable~~recording medium of claim 131, wherein the video data of the clip file includes at least one of an I picture, B picture and P picture, and wherein the first navigation file indicates to display the at least one of the I picture, B picture and P picture in the clip file as the still image.

15. (Canceled)

16. (Currently Amended) A method of reproducing still images from a recording medium, comprising:

reproducing a first navigation file and a second navigation file, the first navigation file including first navigation information, the first still image from a clip file recorded on a recording medium based on navigation information indicating a portion an in-point and an out-point of a clip file, which includes video data, to display as a still image and a duration to display the still image, the second navigation file including mapping information between a presentation time and the clip file; and

reproducing a still image from the clip file recorded on the recording medium based on the reproduced first and second navigation files.

17. (Canceled)

~~19~~18. (Currently Amended) An apparatus for reproducing a still image recorded on a recording medium, comprising:

~~a driver for driving an optical reproducing device~~ pick up to reproduce data recorded on the recording medium;

a controller configured to control the pick up for controlling the driver to reproduce [[a]] first and second navigation files from the recording medium, the first navigation file including first navigation information, the first still image from a clip file recorded on a recording medium based on navigation information indicating a portion an in-point and an out-point of a clip file, which includes video data, to display as a still image and a duration to display the still image, and the second navigation file including mapping information between a presentation time and the clip file; and

the controller configured to control the pick up to reproduce a still image from the clip file recorded on the recording medium based on the reproduced first and second navigation files.

~~20~~19. (Currently Amended) A method of recording a data structure for managing reproduction of at least still images ~~recorded on a recording medium~~, comprising:

recording a first navigation file including first navigation information, the first navigation information in a navigation area of the recording medium, the navigation information indicating a portion an in-point and an out-point of a clip file, which includes video data, to display as a still image and a duration to display the still image; and

recording a second navigation file including mapping information between a presentation time and the clip file.

2120. (Currently Amended) An apparatus for recording a ~~data structure for managing reproduction of at least multiple reproduction path video data~~ still image on a recording medium, comprising:

~~a driver for driving an optical recording device~~ a pick up configured to record data on the recording medium;

~~an encoder for encoding at least multiple reproduction path video data; and~~

~~a controller for controlling the driver~~ configured to control the pick up to record first and second navigation files, the first navigation file including first navigation information in a navigation area of the recording medium, the first navigation information indicating a portion an in-point and an out-point of a clip file, which includes video data, to display as a still image and a duration to display the still image, and the second navigation file including mapping information between a presentation time and the clip file.

21. (New) The method of claim 16, wherein the first navigation file is a playlist file, and the playlist file includes a playitem, and the playitem includes the first navigation information.

22. (New) The method of claim 21, wherein the playitem includes an indicator indicating whether to display a still image.

23. (New) The method of claim 16, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite time period.

24. (New) The method of claim 16, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time.

25. (New) The method of claim 16, wherein the clip file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip file as the still image.

26. (New) The apparatus of claim 18, wherein the first navigation file is a playlist file, the playlist file including a playitem, the playitem including the first navigation information.

27. (New) The apparatus of claim 26, wherein the playitem includes an indicator indicating whether to display a still image.

28. (New) The apparatus of claim 18, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite time period.

29. (New) The apparatus of claim 18, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time.

30. (New) The apparatus of claim 18, wherein the clip file includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip file as the still image.

31. (New) The method of claim 19, wherein the first navigation file is a playlist file, the playlist file including a playitem, the playitem including the first navigation information.

32. (New) The method of claim 31, wherein the playitem includes an indicator indicating whether to display a still image.

33. (New) The method of claim 19, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite time period.

34. (New) The method of claim 19, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time.

35. (New) The method of claim 19, wherein the clip file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip file as the still image.

36. (New) The apparatus of claim 20, wherein the first navigation file is a playlist file, the playlist file including a playitem, the playitem including the first navigation information.

37. (New) The apparatus of claim 36, wherein the playitem includes an indicator indicating whether to display a still image.

38. (New) The apparatus of claim 20, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite time period.

39.(New) The apparatus of claim 20, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time.

40.(New) The apparatus of claim 20, wherein the clip file includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip file as the still image.